# IAP12 Rec'd PCT/PTO 25 JUL 2007

#### ATTORNEY'S DOCKET NO. TRANSMITTAL LETTER TO THE UNITED STATES 1029650-000176 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION No. (If known) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 10/592,956 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP2005/004311 11 March 2005 15 March 2004 TITLE OF INVENTION ADHESION PREVENTIVE MATERIAL APPLICANT(S) FOR DO/EO/US Yoshihiko ABE; Yutaro SONODA; Jun KONISHI; Takao ANZAI; and Miyuki SHIMIZU Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must 3. include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. 🔲 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. □ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. 🔲 is attached hereto. b. 🔲 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. □ have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. c. 🔲 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 🗌 An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under 10. 🛛 PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: A Second Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is 12. 🔲 included. 13. 🔲 A preliminary amendment. 14. 🔲 An Application Data Sheet under 37 CFR 1.76. 15. 🔲 A substitute specification. 16. 🔲 A power of attorney and/or change of address letter. 17. 🔲 A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. 🔲 A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. 🔲 A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). Other items or information: a copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. 20. Designated/Elected Office (DO/EO/US)

10/592,956			PCT/JP2005/004311			1029650-000176		
The following fees have been submitted:			•			CALCULATIONS	PTO USE ONLY	
	Basic National fee (37 CFR 1.492(a)) (1631) \$ 300			\$ 0				
<u> </u>	Examination fee (37 CFR 1.492(c))							
If the v	If the written opinion prepared by ISA/US or the international preliminary							
	examination report prepared by IPEA/US indicates all claims satisfy provisions of							
1	PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 200					s o		
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If the v report 33(1)- Searcl to the	vritten opinion o prepared by IP (4) n fee (37 CFR 1 USPTO as an I							
	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 400							
i .	All other situations (1632) \$ 500					s		
TOTA	TOTAL OF 21, 22 AND 23 =				<u> </u>	\$ 0		
Additio	nal fee for spe	cification	s and drawings filed in pa					
	(evoluting sequence listing in compliance with 37 CEP 1 821(c) or (e) or							
Compt			ch additional 50 sheets o		n thereof.			
Total Sheets	Extra Sheets	Number	of each additional 50 or fraction round up to a whole number)					
0 -100 =	0 /50 =	0	ound up to a whole number)	x \$ 250		-   \$ 0		
			any of the search fee, exam		oath or	·		
declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE						\$ 0		
CLAIMS								
Total claims	20 ms 1	- 20 =	0	x \$ 50 (1615)		\$ 0		
Independent Clai		- 3 =		x \$ 200 (1614)		\$ 0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$ 360 (1616)						\$ 0	1	
TOTAL OF ABOVE CALCULATIONS =						\$ 0		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2						0		
SUBTOTAL = Processing fee of \$ 130 (1618) for furnishing the English translation later than 30 months from the						\$ 0		
earliest claimed priority date (37 CFR 1.492(i)).						0		
TOTAL NATIONAL FEE =					\$ 0			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).\$ 40 per property +						0		
TOTAL FEES EN	ICLOSED =				<del></del>	\$ 0	_	
						to be refunded:	i .	
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a.	c in the amount	of	to cover the	above fees is e	nclosed			
b. Please charge my Deposit Account No. 02-4800 in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.								
d. Charge \$ to credit card. Form PTO-2038 is attached.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL COF	<u></u>							
Customer No 21839 P.O. Box 1404								
Alexandria, VA 22313-1404   703 836 6620   Roger H. Lee 46317							46247	
Date: <u>July 25, 2007</u>			-	Roger H. Lee Name		REG	46317 ISTRATION NO.	

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NO.

U.S. APPLICATION NO. (If known)



### United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. DOX 1430 Alexandra, Vuginia 22313-1450

ATTY. DOCKET NO. U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT 1029650-000176 Yoshihiko Abe 10/592,956

INTERNATIONAL APPLICATION NO.

PCT/JP05/04311

21839 **BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404** 

I.A. FILING DATE PRIORITY DATE 03/15/2004 03/11/2005

**CONFIRMATION NO. 8661** 

**371 FORMALITIES LETTER** \*OC00000024302735\*

Date Mailed: 06/12/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

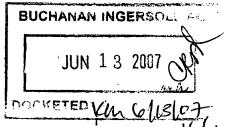
Copy of the International Application filed on 09/15/2006

Copy of the International Search Report filed on 09/15/2006

Preliminary Amendments filed on 09/15/2006

Information Disclosure Statements filed on 09/15/2006

- U.S. Basic National Fees filed on 09/15/2006
- Substitute Specification filed on 09/15/2006
- Priority Documents filed on 09/15/2006



The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-WeBec'd by New Applications https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

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For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <a href="http://www.uspto.gov/ebc.">http://www.uspto.gov/ebc.</a>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

CHRISTINE S WASHINGTON

Telephone: (703) 308-9140 EXT 228

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/592,956	РСТ/JР05/04311	1029650-000176
FORM PCT/DO/EO/905 (371 Formalities Notice)		COPY